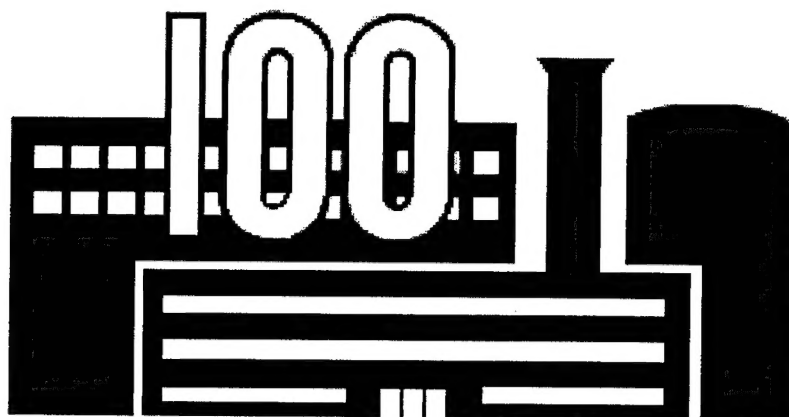




# 100 CONTRACTORS

RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS  
FOR RDT&E

Fiscal Year 1997



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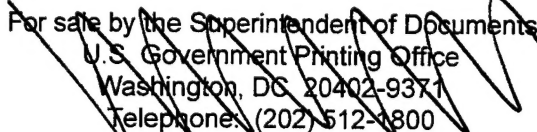
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**100 CONTRACTORS RECEIVING THE  
LARGEST DOLLAR VOLUME OF PRIME  
CONTRACT AWARDS FOR RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION**

**FISCAL YEAR 1997**

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## FOREWORD

***100 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test, and Evaluation (RDT&E)*** is published annually. This report provides information on the 100 contractors that received the largest dollar volume in Department of Defense prime contract awards over \$25,000 for RDT&E. These data are presented in four tables showing:

1. An alphabetical listing of the top 100 companies;
2. The net value of awards to business firms operating in the United States;
3. The net value of awards to educational and other nonprofit institutions operating in the United States; and
4. The net value of awards to foreign contractors.

## IMPORTANT - PLEASE NOTE:

This is the last printed edition of the ***100 Companies Receiving the Largest Volume of Prime Contract Awards for Research, Development, Test, and Evaluation (RDT&E)*** publication. In accordance with the November 1997 Defense Reform Initiative to move to paper-free business operations, future editions of this publication will only be available through the Internet. All tables of the publication will be posted on the DIOR web site on an annual basis and available for "print on demand" by the users. The DIOR web site address for locating this publication is: <http://web1.whs.osd.mil/diorcat.htm>.

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# INTRODUCTION

This report presents summary data on the 100 prime contractors receiving the largest dollar volume in Department of Defense (DoD) awards over \$25,000 for research, development, test, and evaluation (RDT&E) work during fiscal year (FY) 1997. RDT&E work can include research (basic and applied) and development (exploratory, advanced, engineering, operational systems, or management and support services). Full definitions for each of these categories are provided in Section 235.001 of the Defense Federal Acquisition Regulation Supplement.

These data rank each corporation according to its relative standing. The order of ranking is based on the net value of each contractor's RDT&E awards. Beginning in FY 1994, the contractors have been ranked by the parent company vs. subsidiaries or divisions of the company as in past issues of this publication. For example, figures for General Motors Corporation include awards to Hughes Aircraft Company and Hughes Missile Systems Company. Also, classification of a company as foreign is based on the parent company. Beginning in FY 1996, only the top 100 contractors are listed in this publication.

When percentages are used for dollar amounts they are based on whole dollars. Table 1, page 7, lists the 100 contractors in alphabetical order, displays the order of ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2, page 9, shows the net value of awards to U.S. business firms. Those firms which qualify as small businesses are further identified by an "S." The net value of awards to each of the firm's reported locations is also provided. Tables 3 and 4, on pages 15 and 17, respectively, provide the net value of awards to U.S. educational and other nonprofit institutions and foreign contractors. As in Table 1, contractors in Tables 2 through 4 are shown by order of ranking, with their total awards indicated by an asterisk (\*). The value of awards to each of the contractor's reported locations is also shown for these tables.

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense agency rather than the contractor.

***DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE FEDERAL PROCUREMENT DATA SYSTEM CONTRACTOR ESTABLISHMENT CODE AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.***

## HIGHLIGHTS

The following table shows the net value and percentage distribution of all RDT&E awards, RDT&E awards to the top 100 companies, and all other RDT&E awards for FY 1997.

### Department of Defense Prime Contract Awards Over \$25,000

#### Fiscal Year 1997

TYPE OF CONTRACTOR	RDT&E								
	TOTAL			TOP 100			ALL OTHER		
	No.	Awards (\$000)	% of Total \$	No.	Awards (\$000)	% of Total \$	No.	Awards	% of Total \$
RDT&E - Total	3,137	19,855,844	100	100	16,884,146	100	3,037	2,971,698	100
Business Firms	2,712	17,366,673	87	76	14,817,345	88	2,636	2,549,328	86
Small	1,744	2,074,968	10	16	597,677	4	1,728	1,477,291	50
Large	968	15,291,705	77	60	14,219,669	84	908	1,072,036	36
Educational & Nonprofit	258	2,237,143	11	21	1,913,468	11	237	323,675	11
Educational	199	984,328	5	9	765,788	5	190	218,540	7
Nonprofit	59	1,252,815	6	12	1,147,680	7	47	105,135	4
U.S. Government Agencies	21	16,141	*	0	0	*	21	16,141	1
Foreign	146	235,888	1	3	153,333	1	143	82,555	3

\*LESS THAN 0.5 PERCENT

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

Based on the percentage of total awards, the distribution of FY 1997 awards varies moderately from that in FY 1996. In FY 1997, the top 100 contractors included 76 U.S. business firms (16 of which were small businesses); 21 educational and nonprofit institutions; and 3 foreign contractors. In FY 1996, the top 100 consisted of 76 U.S. business firms (20 were small businesses); 20 educational and nonprofit institutions; and 4 foreign contractors.

The top 100 RDT&E contractors received awards totaling \$16.9 billion in FY 1997, compared to \$17.2 billion in FY 1996, a decrease of \$0.3 billion, or 1.9 percent. The \$16.9 billion represents 85 percent of the \$19.9 billion total prime contract awards over \$25,000 for RDT&E work in FY 1997.

In addition to the top 100 contractors, there were 3,037 other contractors for which RDT&E procurement actions over \$25,000 were reported, for a total of 3,137 contractors in FY 1997. In FY 1996, the total number of contractors in this category was 2,965.

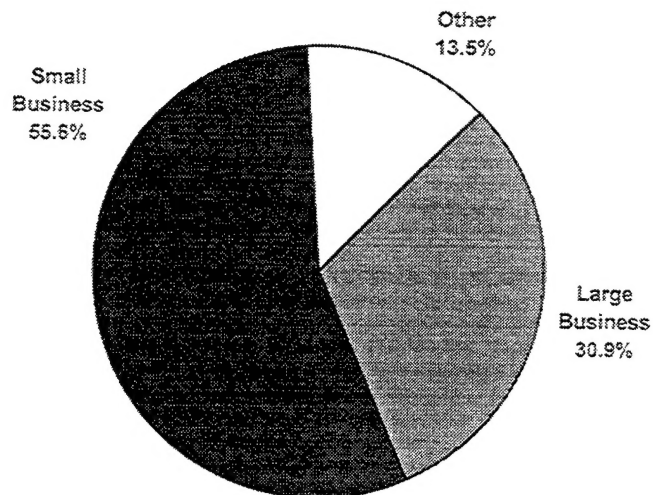
Of the 26 contractors with RDT&E awards of \$100 million or more in FY 1997, 21 were business firms and 5 were educational and other nonprofit institutions. These 26 contractors had a total of \$13.9 billion in RDT&E awards. In FY 1996, there were 28 contractors who reached the \$100 million plateau, with awards totaling \$14.4 billion. Of these 28 contractors, 23 were business firms and 5 were educational and other nonprofit institutions. The amount of awards for this \$100 million group decreased by \$406 million, or 2.8 percent, between FY 1996 and 1997.

The charts on page 4 display a breakout of types of contractors as a percentage of the total contractors receiving RDT&E awards; and then as a percentage of the top 100 contractors. The first chart shows that within the category of all RDT&E awards, small business represents the largest share, or 55.6 percent; followed by large business, 30.9 percent; and other entities, 13.5 percent. The second chart reflects that within the category of only the top 100 RDT&E contractors, large business has the greatest share, 60 percent; followed by other entities, 24 percent; and small business, 16 percent.

Both charts on page 4 show the number of firms with their associated percentages, not the percentage of dollars.

## TOTAL CONTRACTORS RECEIVING RDT&E AWARDS

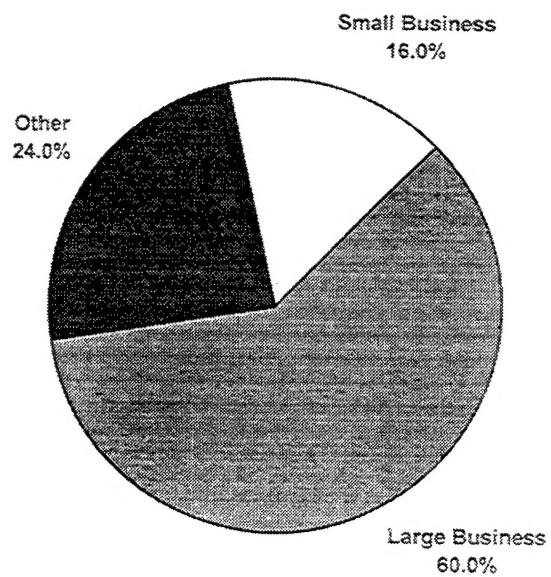
Fiscal Year 1997



TOTAL NUMBER OF FIRMS = 3,137

## TOP 100 CONTRACTORS - RDT&E

Fiscal Year 1997



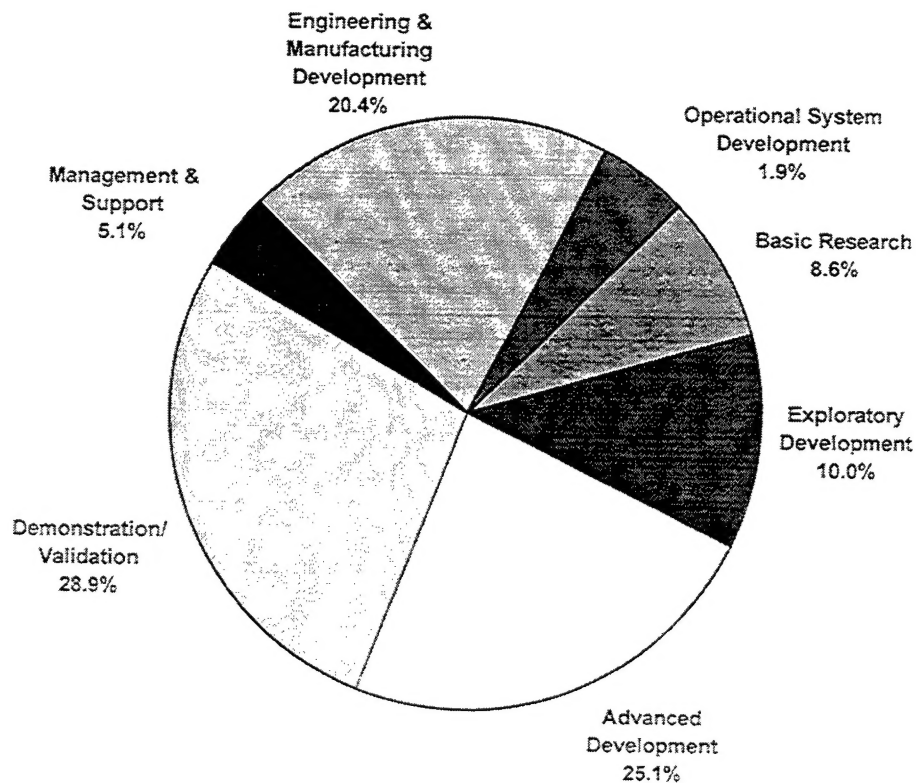


The following table shows the type of RDT&E work the contractors were engaged in and the net value and percentage distribution of all awards for each of these types in FY 1997. Demonstration/Validation accounted for the largest share (28.9 percent) of RDT&E awards, followed by Advanced Development (25.1 percent) and Engineering & Manufacturing Development (20.4 percent).

TYPE	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$19,855,844	100.0
Basic Research	1,704,110	8.6
Exploratory Development	1,983,453	10.0
Advanced Development	4,979,537	25.1
Demonstration/Validation	5,743,594	28.9
Engineering & Manufacturing Development	4,065,846	20.4
Management & Support	1,005,461	5.1
Operational System Development	373,842	1.9

## DOLLAR AWARDS BY TYPE OF RDT&E WORK

Fiscal Year 1997

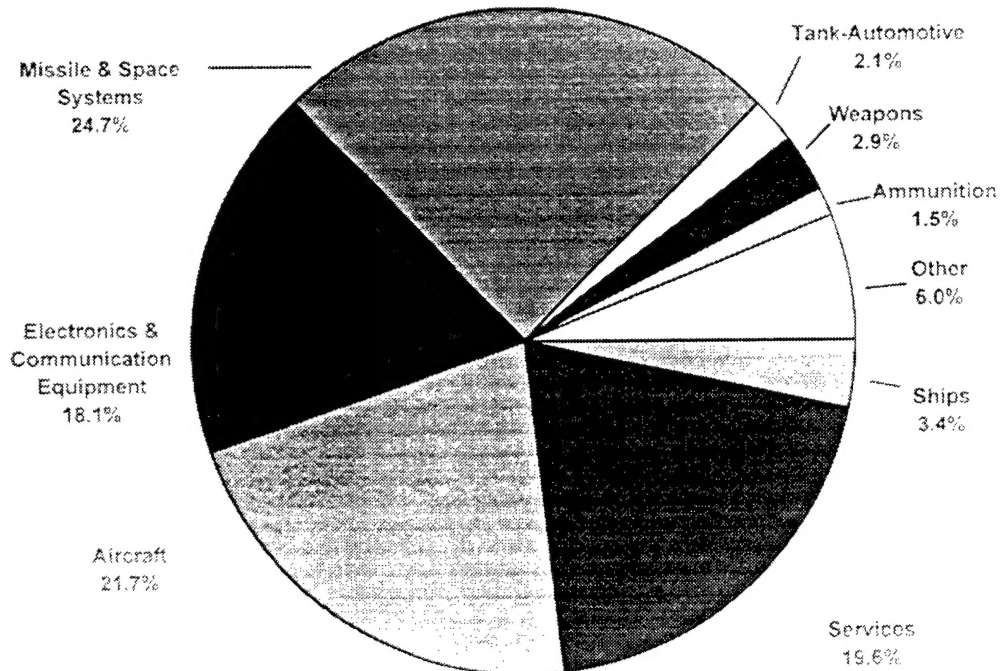


The final table below shows the net value and percentage distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation in the Aircraft and Missile & Space Systems program areas. In FY 1997, a combined total of \$9.21 billion, or 46.4 percent of all RDT&E awards over \$25,000, was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$19,855,844	100.0
Missile & Space Systems	4,904,298	24.7
Electronics & Communication Equipment	3,589,441	18.1
Aircraft	4,309,710	21.7
Services	3,899,795	19.6
Ships	667,265	3.4
Ammunition	293,460	1.5
Weapons	579,733	2.9
Tank-Automotive	418,486	2.1
All Other	1,193,656	6.0

## DOLLAR AWARDS BY TYPE OF PROGRAM

Fiscal Year 1997



**Table 1. Alphabetical Listing of the Top 100 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work: FY 1997**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
84	B	ADVANCED COMMUNICATIONS SYSTEM	100	B	LAWRENCE ASSOCIATES INC
13	N	AEROSPACE CORPORATION, THE	32	B	LITTON INDUSTRIES, INC
37	B	AGES GROUP, A LIMITED PARTNERS	1	B	LOCKHEED MARTIN CORPORATION
36	B	ALLEGHENY TELEDYNE INCORPORATE	29	B	LOGICON INC
30	B	ALLIANT TECHSYSTEMS INC	67	N	LOGISTICS MANAGEMENT INSTITUTE
52	B	ALLIEDSIGNAL INC	85	B	MARVIN ENGINEERING CO, INC
89	B	AMERICAN MANAGEMENT SYSTEMS, I	10	N	MASSACHUSETTS INSTITUTE OF TEC
82	B	AMTEC CORPORATION	86	B	MAXWELL TECHNOLOGIES, INC
45	B	ANALYSIS & TECHNOLOGY, INC.	71	B	MEVATEC CORPORATION
63	N	ANALYTIC SERVICES INC	60	B	MISSION RESEARCH CORPORATION
73	B	APPLIED RESEARCH ASSOCIATES, I	14	N	MITRE CORPORATION, THE
70	B	ASSURANCE TECHNOLOGY CORP	62	B	MOTOROLA, INC
72	B	BALL CORPORATION	21	B	NICHOLS RESEARCH CORPORATION
53	N	BATTELLE MEMORIAL INSTITUTE IN	3	B	NORTHROP GRUMMAN CORPORATION
34	B	BDM INTERNATIONAL INC	35	B	ORBITAL SCIENCES CORPORATION
2	B	BOEING COMPANY, THE INC	97	B	PACIFIC SIERRA RESEARCH CORP
65	B	BOEING SIKORSKY AIRCRAFT SUPPO	77	N	PENNSYLVANIA STATE UNIVERSITY
19	B	BOEING SIKORSKY COMANCHE TEAM	39	B	PRIMARK CORPORATION
66	B	BOOZ ALLEN & HAMILTON INC	47	B	PRIMEX TECHNOLOGIES, INC
78	B	BTG, INC.	50	N	RAND CORPORATION
46	N	CARNEGIE MELLON UNIVERSITY	4	B	RAYTHEON COMPANY INC
80	B	CAS INC	27	B	ROCKWELL INTERNATIONAL CORPORA
41	B	CBS CORPORATION	96	F	ROLLS-ROYCE PLC
58	B	CHRYSLER TECHNOLOGIES AIRBORNE	83	B	SCHAFFER CORPORATION
56	N	CNA CORPORATION	42	B	SCIENCE AND APPLIED TECHNOLOGY
61	B	COLSA CORPORATION	12	B	SCIENCE APPLICATIONS INTERNATI
16	B	COMPUTER SCIENCES CORPORATION	57	B	SPARTA INC
33	N	CONCURRENT TECHNOLOGIES CORP	44	N	SUMITOMO RUBBER INDUSTRIES LTD
28	B	CORDANT TECHNOLOGIES INC	22	B	SVERDRUP CORPORATION, THE
75	B	CUBIC CORPORATION	64	B	SYSTEMS MANAGEMENT AND ACCOUNT
20	N	DRAPER, CHARLES STARK LABORATO	98	B	SYSTEMS RESEARCH LABORATORIES
99	B	DYNACORP	87	B	TEC-MASTERS INC
55	B	DYNETICS INC	88	B	TECNICO CORPORATION
69	B	EER SYSTEMS, INC	15	B	TEXAS INSTRUMENTS INCORPORATED
17	B	FMC CORPORATION	95	B	TEXAS INSTRUMENTS/MARTIN MARIE
24	B	GENCORP INC.	6	B	TEXTRON INC
5	B	GENERAL DYNAMICS CORPORATION	26	F	THE GENERAL ELECTRIC CO. PLC
11	B	GENERAL ELECTRIC COMPANY INC	48	B	THERMO ELECTRON CORPORATION
8	B	GENERAL MOTORS CORPORATION	25	B	TRACOR, INC
59	B	GEO-CENTERS INC	7	B	TRW INC
94	N	GEORGIA TECH RESEARCH CORPORAT	23	B	UNITED DEFENSE
38	B	GTE CORPORATION	9	B	UNITED TECHNOLOGIES CORPORATIO
68	B	HARRIS CORPORATION	74	N	UNIVERSITY OF CALIFORNIA
54	B	HONEYWELL INC	90	N	UNIVERSITY OF DAYTON INC, THE
49	N	I I T RESEARCH INSTITUTE INC	76	N	UNIVERSITY OF MINNESOTA INC
31	B	INSTITUTE FOR DEFENSE AND DISA	81	N	UNIVERSITY OF SOUTHERN CALIFOR
40	B	ITT INDUSTRIES, INC	43	N	UNIVERSITY OF TEXAS SYSTEM
91	B	JAYMARK, INC	92	B	VEDA INTERNATIONAL INC
18	N	JOHNS HOPKINS UNIVERSITY INC	79	B	VIASAT, INC
51	B	KAMAN CORPORATION	93	F	WALES-WEAPON SYSTEMS ENGINEERI

\* B = Business Firm

F = Foreign Contractor

N = Nonprofit Institution

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Business Firms: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
1	LOCKHEED MARTIN CORPORATION	4,092,318 *	2	BOEING COMPANY, THE INC	1,567,321 *
	Huntsville Alabama	29,099		Huntsville Alabama	18,576
	Litchfield Park Arizona	3,002		Mesa Arizona	34,046
	Luke AFB Arizona	2,544		Anaheim California	152,290
	Burbank California	60		Canoga Park California	69,050
	Glendale California	26,783		Downey California	182,353
	Menlo Park California	200		Huntington Beach California	166,875
	Newport Beach California	19,462		Long Beach California	60,492
	North Gardena California	44		Los Angeles California	47,355
	Palmdale California	31,231		San Diego California	4,149
	Palmdale PF/TI California	112,133		Santa Ana California	25
	Palo Alto California	16,911		Santa Barbara California	11,445
	Parkway Plaza California	50		Seal Beach California	951
	Pomona California	363-		Thousand Oaks California	782
	Sacramento California	4,219		Fort Walton Beach Florida	52,287
	San Diego California	765		Patrick AFB Florida	2,324
	Santa Margarita California	4,930		Duluth Georgia	7,428
	Sunnyvale California	620,519		Wichita Kansas	19,219
	Colorado Springs Colorado	6,055		Berkeley Missouri	279
	Denver Colorado	766,760		St. Louis Missouri	365,936
	Littleton Colorado	73,309		Tulsa Oklahoma	5
	Washington D.C.	4,650		Philadelphia Pennsylvania	1,499
	Orlando Florida	208,488		Kent Washington	10,273
	Panama City Florida	859		Seattle Washington	359,680
	Panama City Beach Florida	2,303			
	Riviera Beach Florida	920	3	NORTHROP GRUMMAN CORPORATION	1,323,854 *
	Marietta Georgia	1,530,433		El Segundo California	5,780
	Baltimore Maryland	190		Hawthorne California	83,487
	Gaithersburg Maryland	2,920		Pico Rivera California	13,783
	Burlington Massachusetts	1,259		Point Mugu California	1,302
	Cambridge Massachusetts	3,443		Sunnyvale California	38,186
	Lexington Massachusetts	4,297		Norwalk Connecticut	1,369
	Pittsfield Massachusetts	381-		Big Cypress National Florida	4,289
	Woburn Massachusetts	2,611		Melbourne Florida	939,110
	Eagan Minnesota	5,680		Saint Augustine Florida	5,782
	St. Paul Minnesota	1,261		Rolling Meadows Illinois	17,469
	Manchester New Hampshire	2,592		Annapolis Maryland	31,668
	Nashua New Hampshire	97,377		Baltimore Maryland	25,672
	Camden New Jersey	1,468		Linthicum Maryland	5,036
	Cherry Hill New Jersey	1,143		Linthicum Heights Maryland	634
	Hightstown New Jersey	63		Clines Corners New Mexico	532
	Moorestown New Jersey	11,085		Bethpage New York	94,785
	Tinton Falls New Jersey	12,176		Melville New York	4,156
	Albuquerque New Mexico	7,803		Cincinnati Ohio	34,683
	White Sands Msl Rge New Mexico	1,934		Cleveland Ohio	15,554
	Great Neck New York	1,295		Pittsburgh Pennsylvania	280
	Oswego New York	50		Springfield Virginia	296
	Owego New York	65,714	4	RAYTHEON COMPANY INC	725,382 *
	Owego (Town of) New York	99		Gakona Alaska	3,700
	Syosset New York	21,144		Blue Canon California	424-
	Syracuse New York	27,107		Goleta California	20,506
	Wheatfield New York	160		Los Angeles California	17,873
	Akron Ohio	50,986		Washington D.C.	4,975
	Bamford Pennsylvania	185		Saint Petersburg Florida	78,769
	Frazer Pennsylvania	500		Tampa Florida	6,375
	King of Prussia Pennsylvania	214-		Tropicanna Mobile Ma Florida	243
	Philadelphia Pennsylvania	68,427		Andover Massachusetts	394
	Abercrombie Texas	200		Bedford Massachusetts	160,071
	Austin Texas	8,152		Boston Massachusetts	2,564
	Dallas Texas	2,380		Burlington Massachusetts	292
	Dallas-Fort Worth Re Texas	1,004		Hanscom AFB Massachusetts	4,827
	East Columbia Texas	464		Marlboro Massachusetts	8,943
	Fort Worth Texas	16,223		Marlborough Massachusetts	26,274
	Grand Prairie Texas	58,976		Reading Massachusetts	50
	Dugway Proving Grd Utah	4,749		Sudbury Massachusetts	4,104
	Salt Lake City Utah	37,738		Tewksbury Massachusetts	14,470
	Burlington Vermont	116		Tewksbury Center Massachusetts	195
	Shelburne Vermont	100		Wayland Massachusetts	78,973
	Chantilly Virginia	7,698		West Andover Massachusetts	4,294
	Dahlgren Virginia	5,072		Madison Mississippi	1,881
	Manassas Virginia	90,896		Kirtland AFB New Mexico	37
	Reston Virginia	1,982		State College Pennsylvania	740
	Yona Marshall I	1,172-		Portsmouth Rhode Island	19,873
				Dallas Texas	50,411

- = Minus Amount (Cancellations Exceed New Awards)

S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Business Firms: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
	RAYTHEON COMPANY INC (Cont)			GENERAL MOTORS CORPORATION (Cont)	
	Greenville Texas	77,850		Dahlgren Virginia	81
	Falls Church Virginia	4,773		Herndon Virginia	5,553
	Yona Marshall I	132,350		Reston Virginia	7,342
				Mukilteo Washington	630
5	GENERAL DYNAMICS CORPORATION	589,483 *	9	UNITED TECHNOLOGIES CORPORATIO	430,343 *
	Groton Connecticut	460,069		Huntsville Alabama	2,160
	Pittsfield Massachusetts	8,062		San Jose California	785
	Muskegon Michigan	1,178		East Hartford Connecticut	3,160
	Sterling Heights Michigan	65,750		South Windsor Connecticut	819
	Warren Michigan	5,436		Stratford Connecticut	6,537
	Burlington Vermont	1,182		Windsor Locks Connecticut	35
	Woodbridge Virginia	47,806		West Bay Florida	550
6	TEXTRON INC	566,768 *		West Palm Beach Florida	415,427
	Maui (County) Hawaii	2,203		Kirtland AFB New Mexico	870
	New Orleans Louisiana	6,329			
	Everett Massachusetts	2,167	11	GENERAL ELECTRIC COMPANY INC	365,286 *
	Wilmington Massachusetts	19,392		Lynn Massachusetts	87,217
	Fort Worth Texas	535,286		Schenectady New York	5,150
	Hurst Texas	1,392		Cincinnati Ohio	271,657
				Evendale Ohio	889
7	TRW INC	555,831 *		Philadelphia Pennsylvania	129
	Carson California	103,218		UNITED ARA	242
	Redondo Beach California	295,678	12	SCIENCE APPLICATIONS INTERNATI	363,514 *
	San Bernardino California	990		Huntsville Alabama	34,395
	San Diego California	6,197		Tucson Arizona	3,385
	Sunnyvale California	99		San Diego California	128,815
	Washington D.C.	1,025		Torrance California	39,354
	Orlando Florida	14,954		Washington D.C.	420
	Bellevue Nebraska	59		Orlando Florida	1,908
	Princeton New Jersey	978		Patrick AFB Florida	7,144
	Albuquerque New Mexico	30-		Marietta Georgia	339
	White Sands Msl Rge New Mexico	1,778		Abingdon Maryland	787
	Beavercreek Ohio	3,982		Wilmington Massachusetts	2,989
	Arlington Virginia	7,448		Albuquerque New Mexico	14,623
	Fairfax Virginia	16,019		Dayton Ohio	9,124
	Rosslyn Virginia	103,436		Newport Rhode Island	35
8	GENERAL MOTORS CORPORATION	525,305 *		Arlington Virginia	17,232
	Huntsville Alabama	16,894		Falls Church Virginia	4,008
	Mesa Arizona	14,419		McLean Virginia	64,773
	Tucson Arizona	69,245		Newington Virginia	10,661
	Buena Park California	19,484		Oak Ridge Virginia	385
	Canoga Park California	76,829		Vienna Virginia	23,061
	China Lake NWC California	1,298		Virginia Beach Virginia	50
	Edwards AFB California	4,479		McLean West Virginia	25
	El Segundo California	66,886	15	TEXAS INSTRUMENTS INCORPORATED	232,978 *
	Fullerton California	23,085		Mountain View California	771
	Goleta California	9,760		San Jose California	3,368
	Irvine California	1,670		San Leandro California	875
	Long Beach California	5,663		New London Connecticut	199
	Los Angeles California	38,232		Dallas Texas	44,375
	Malibu California	6,591		Dallas-Fort Worth Re Texas	2,989
	Malibu Beach California	158		Lewisville Texas	113,710
	Rancho Cucamonga California	2,445		McKinney Texas	62,814
	San Diego California	6,372		Plano Texas	3,876
	Sunnyvale California	58,511	16	COMPUTER SCIENCES CORPORATION	207,237 *
	Sylmar California	1,341		Huntsville Alabama	1,452
	Torrance California	538		San Diego California	9,171
	Danbury Connecticut	11,144		Washington D.C.	577
	Fort Wayne Indiana	35,341		Fort Knox Kentucky	30
	Indianapolis Indiana	6,642		Patuxent River NAS Maryland	649
	Lanham Maryland	404		Fort Monmouth New Jersey	1,892
	Hanscom AFB Massachusetts	5,102		Moorestown New Jersey	24,545
	Lexington Massachusetts	227		Albuquerque New Mexico	73-
	Detroit Michigan	66		Holloman AFB New Mexico	42-
	Hopkins Minnesota	89		Arnold AFB Tennessee	89,322
	White Sands Msl Rge New Mexico	1,060		Richardson Texas	4,155
	Binghamton New York	13,315		Dahlgren Virginia	15,943
	Rome New York	196		East Hampton Virginia	500
	Montague North Carolina	608		Falls Church Virginia	55,564
	Middletown Rhode Island	65-		Fredericksburg Virginia	3,551
	Arlington Texas	7,534			
	Arlington Virginia	6,137			

- = Minus Amount (Cancellations Exceed New Awards)

S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Business Firms: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
17	FMC CORPORATION Minneapolis Minnesota	180,201 * 180,201	29	LOGICON INC Los Angeles California	81,908 *
19	BOEING SIKORSKY COMANCHE TEAM Trumbull Connecticut Philadelphia Pennsylvania	167,849 * 215 167,634		Marina del Ray California	2,399
21	NICHOLS RESEARCH CORPORATION Huntsville Alabama	147,955 * 139,507		San Diego California	25,090
	Cape Canaveral AFS Florida	3,865		San Pedro California	2,606
	Carderock Springs Maryland	648		Torrance California	20,950
	Wakefield Massachusetts	184		Colorado Springs Colorado	339
	Vicksburg Mississippi	61		Washington D.C.	27
	Arlington Virginia	3,300		Winter Park Florida	74
	Clearbrook Virginia	90		Albuquerque New Mexico	137
	Fairfax Virginia	300		Kirtland AFB New Mexico	2,159
22	SVERDRUP CORPORATION, THE Beavercreek Ohio	129,940 * 1,947		Wright Patterson AFB Ohio	5,952
	Arnold AFB Tennessee	127,993		Middletown Rhode Island	11,593
23	UNITED DEFENSE Anniston Alabama	124,612 * 3,553		Naval USC Rhode Island	195
	Santa Clara California	86,764		Arlington Virginia	70
	Orlando Florida	94		Dahlgren Virginia	7,743
	Minneapolis-St. Paul Minnesota	65		Falls Church Virginia	422
	Chambersburg Pennsylvania	671		GERMANY	1,725
	York Pennsylvania	33,464	30	ALLIANT TECHSYSTEMS INC Clearwater Florida	72,415 *
24	GENCORP INC. Azusa California	123,639 * 101,240		Annapolis Maryland	12,600
	Rancho Cordova California	3,407		Edina Minnesota	195
	Sacramento California	18,686		Hope (Township of) Minnesota	14,784
	Jonesboro Tennessee	306		Hopkins Minnesota	3,500
25	TRACOR, INC China Lake NWC California	121,797 * 40		Minneapolis Minnesota	32,660
	Point Mugu California	241		Minneapolis Minnesota	121
	San Diego California	21,185		New Brighton Minnesota	3,906
	San Ramon California	2,914		Horsham Pennsylvania	987
	New London Connecticut	390		Middletown Rhode Island	62
	Eglin AFB Florida	2,408		Toone (CCD) Tennessee	93
	Bayview Idaho	2,341		McGregor Texas	405
	Rockville Maryland	10,392		Magna Utah	2,631-
	Silver Spring Maryland	67		Mukilteo Washington	4,493
	Rome New York	2,453		Foulsbo Washington	317
	Lansdale Pennsylvania	438		Rocket Center West Virginia	924
	Middletown Rhode Island	321	31	INSTITUTE FOR DEFENSE AND DISA S Alexandria Virginia	70,010 * 70,010
	Austin Texas	30,462	32	LITTON INDUSTRIES, INC Agoura Hills California	69,205 *
	Arlington Virginia	5,372		El Segundo California	862
	Dahlgren Virginia	7,836		Goleta California	407
	Reston Virginia	34,934		Sacramento California	576
27	ROCKWELL INTERNATIONAL CORPORA Thousand Oaks California	99,157 * 10,214		San Carlos California	197
	Fort Walton Beach Florida	1,116-		San Diego California	393
	Patrick AFB Florida	1,585		San Francisco California	1,809
	Duluth Georgia	1,009		San Jose California	466
	Fuunene Hawaii	9,980		Van Nuys California	54-
	Cedar Rapids Iowa	66,254		Woodland Hills California	79
	Wichita Kansas	379		Woodland California	21,741
	Albuquerque New Mexico	114		Washington D.C.	1,264
	Kirtland AFB New Mexico	6,603		Apopka Florida	350
	Richardson Texas	4,136		Orange Blossom Florida	9,710
28	CORDANT TECHNOLOGIES INC Saint Petersburg Florida	90,178 * 79,596		Orlando Florida	629
	Cherry Hill Maryland	66-		College Park Maryland	7,561
	Elkton Maryland	2,007		Pascagoula Mississippi	851
	Brigham City Utah	8,641		Bellevue Nebraska	30-
				Williamsport Pennsylvania	5,468
				Salt Lake City Utah	1,000
				Alexandria Virginia	30
				Dahlgren Virginia	38
				McLean Virginia	4,945
				Newport News Virginia	9,898
				Reston Virginia	916
					100
			34	BDM INTERNATIONAL INC Huntsville Alabama	64,577 *
				Washington D.C.	1,038
				Tyndall AFB Florida	1,598
				Albuquerque New Mexico	47
				Arlington Virginia	14,628
				Lake Terrace Virginia	314
				McLean Virginia	161
				AUSTRIA	46,552
					31

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S =Small Business

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for RDT&E to U.S. Business Firms: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
	BDM INTERNATIONAL INC (Cont) GERMANY	208			
35	ORBITAL SCIENCES CORPORATION	64,140 *	45	ANALYSIS & TECHNOLOGY, INC.	55,270 *
	Chandler Arizona	16,049		Mystic Connecticut	9,446
	Tempe Arizona	382		New London Connecticut	422
	Washington D.C.	17,271		New London Naval Und Connecticut	684
	Germantown Maryland	1,292		North Stonington Connecticut	14,705
	Fairfax Virginia	28,444		Panama City Beach Florida	5,288
	Greenbriar Virginia	375		Bethesda Maryland	8,303
	McLean Virginia	328		Rockville Maryland	13,351
				Newport Rhode Island	2,643
				Arlington Virginia	427
36	ALLEGHENY TELEDYNE INCORPORATE	64,022 *	47	PRIMEX TECHNOLOGIES, INC	S 50,479 *
	Huntsville Alabama	63,294		Downey California	1,936
	La Fetra California	232		San Leandro California	16,463
	San Diego California	242		Saint Petersburg Florida	458
	Toledo Ohio	96		Marion Illinois	31,273
	Alexandria Virginia	159		Redmond Washington	349
37	AGES GROUP, A LIMITED PARTNERS	63,889 *	48	THERMO ELECTRON CORPORATION	S 50,156 *
	Boca Raton Florida	63,889		Huntsville Alabama	6,185
				San Diego California	4,676
38	GTE CORPORATION	63,631 *		San Jose California	174
	Mountain View California	2,158		Orlando Florida	33,595
	San Diego California	145		Fairfax Virginia	2,831
	Thousand Oaks California	536		Madison Wisconsin	117
	Rockville Maryland	348		Middleton Wisconsin	97
	Cambridge Massachusetts	28,860		Johnston Atoll U.S. Minor	2,481
	Cambridgeport Massachusetts	628	51	KAMAN CORPORATION	S 46,031 *
	Needham Heights Massachusetts	12,309		Huntsville Alabama	333
	Taunton Massachusetts	14,793		Colorado Springs Colorado	27,900
	Waltham Massachusetts	1,016		Bloomfield Connecticut	1,550
	Naval USC Rhode Island	299		Washington D.C.	11,724
	Newport Rhode Island	693		Burlington Massachusetts	105
	Arlington Virginia	1,638		Hudson Massachusetts	1,046
	Fairfax Virginia	178		Albuquerque New Mexico	5,567
	Yona Marshall I	31		Utica New York	1,318
				Pennsburg Pennsylvania	802
39	PRIMARK CORPORATION	60,603 *		McLean Virginia	4,314-
	Huntsville Alabama	43	52	ALLIEDSIGNAL INC	46,016 *
	Fort Walton Beach Florida	4,146		Phoenix Arizona	1,314
	Orlando Florida	6,838		Tempe Arizona	299
	Patrick AFB Florida	2,197		Sylmar California	690
	Reading Massachusetts	32,442		Torrance California	285
	New Hartford New York	659		Stratford Connecticut	8,529
	Dayton Ohio	30-		Washington D.C.	12,410
	Fairborn Ohio	121-		Indiana	250-
	Brooks AFB Texas	4,930		South Bend Indiana	107
	Reston Virginia	1,797		Baltimore Maryland	12,656
	Rosslyn Virginia	7,702		Columbia Maryland	79
				Towson Estates Maryland	3,162
40	ITT INDUSTRIES, INC	60,359 *		Morristown New Jersey	3,353
	Los Angeles California	10,187		Teterboro New Jersey	2,958
	Van Nuys California	208		Albuquerque New Mexico	42
	Eglin AFB Florida	257		Petersburg Virginia	382
	Fort Wayne Indiana	17,002		Redmond Washington	
	Clifton New Jersey	28,467	54	HONEYWELL INC	44,904 *
	Nutley New Jersey	4,007		Glendale Arizona	253
	Roanoke Virginia	231		Phoenix Arizona	2,079
41	CBS CORPORATION	59,175 *		Colorado Springs Colorado	29
	Baltimore Maryland	52,236		Clearwater Florida	7,017
	Baltimore-Washington Maryland	362		Saint Petersburg Florida	1,146
	Linthicum Maryland	1,800		Bloomington Minnesota	1,097
	Cleveland Ohio	524		Minneapolis Minnesota	14,548
	Pittsburgh Pennsylvania	4,225		Plymouth Minnesota	7,314
	Plaza Heights Pennsylvania	28		Albuquerque New Mexico	11,420
42	SCIENCE AND APPLIED TECHNOLOGY	S 58,102 *	55	DYNETICS INC	S 43,981 *
	San Diego California	58,102		Huntsville Alabama	43,821
				Fort Walton Beach Florida	160

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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
57	SPARTA INC			70	ASSURANCE TECHNOLOGY CORP		
	Huntsville	Alabama	42,511 *		Carlisle	Massachusetts	28,603 *
	Edwards AFB	California	14,666		Alexandria	Virginia	15,334
	Laguna Hills	California	6,057				13,268
	San Diego	California	11,850	71	MEVATEC CORPORATION		
	Orlando	Florida	431		Huntsville	Alabama	28,198 *
	Lexington	Massachusetts	150		Eglin AFB	Florida	25,235
	Arlington	Virginia	291		Vicksburg	Mississippi	1,123
	McLean	Virginia	8,901				1,840
			164	72	BALL CORPORATION		
58	CHRYSLER TECHNOLOGIES AIRBORNE		40,196 *		San Diego	California	27,268 *
	Waco-Madison Cooper	Texas	40,196		Broomfield	Colorado	3,477
59	GEO-CENTERS INC		37,904 *		Westminster	Colorado	298
	Scottsdale	Arizona	1,353		Boulder	Colorado	865
	Downey	California	621		Kirtland AFB	New Mexico	21,893
	Washington	D.C.	6,604				734
	Aberdeen Prov Grnd	Maryland	801	73	APPLIED RESEARCH ASSOCIATES, I		
	Hunt Valley	Maryland	1,900		Littleton	Colorado	26,941 *
	Natick R & D Center	Massachusetts	428		Tyndall AFB	Florida	49
	Newton Center	Massachusetts	17,088		Albuquerque	New Mexico	13,408
	Wilmington	Massachusetts	935		Raleigh	North Carolina	13,103
	Hopkins	Minnesota	1,700				380
	Eatontown	New Jersey	150	75	CUBIC CORPORATION		
	Mesilla Park	New Mexico	175		San Diego	California	26,276 *
	Johnstown	Pennsylvania	6,150				26,276
60	MISSION RESEARCH CORPORATION		37,828 *	78	BTG, INC.		
	Anaheim	California	826		Fairfax	Virginia	24,579 *
	Costa Mesa	California	90		Vienna	Virginia	69
	San Dimas	California	10,246				24,511
	Santa Barbara	California	16,945	79	VIASAT, INC		
	Colorado Springs	Colorado	60		Carlsbad	California	23,718 *
	Valparaiso	Florida	97		Acton	Massachusetts	23,618
	Patuxent River NAS	Maryland	375				100
	Nashua	New Hampshire	2,410	80	CAS INC		
	Albuquerque	New Mexico	5,996		Huntsville	Alabama	23,324 *
	Dayton	Ohio	190				23,324
	Newington	Virginia	594	82	AMTEC CORPORATION		
					Huntsville	Alabama	23,054 *
							23,054
61	COLSA CORPORATION		36,785 *	83	SCHAFER CORPORATION		
	Huntsville	Alabama	36,785		Highlands	Colorado	22,550 *
62	MOTOROLA, INC		36,014 *		Chelmsford	Massachusetts	90
	Scottsdale	Arizona	35,371				22,460
	Tempe	Arizona	643	84	ADVANCED COMMUNICATIONS SYSTEM		
64	SYSTEMS MANAGEMENT AND ACCOUNT		32,212 *		San Diego	California	21,853 *
	Akron	Ohio	32,212		Alexandria	Virginia	1,811
65	BOEING SIKORSKY AIRCRAFT SUPPO		31,607 *		Fairfax	Virginia	11,156
	Clarksville	Tennessee	31,607				8,885
66	BOOZ ALLEN & HAMILTON INC		31,294 *	85	MARVIN ENGINEERING CO, INC		
	Huntsville	Alabama	1,263		Los Angeles	California	21,099 *
	Washington	D.C.	706				21,099
	Fort Monmouth	New Jersey	1,897	86	MAXWELL TECHNOLOGIES, INC		
	Arlington	Virginia	9,007		La Jolla	California	20,642 *
	McLean	Virginia	12,856		San Diego	California	485
	Vienna	Virginia	5,565		Albuquerque	New Mexico	13,090
					Reston	Virginia	6,232
68	HARRIS CORPORATION		29,490 *				835
	Jacksonville	Florida	9,378	87	TEC-MASTERS INC		
	Melbourne	Florida	10,789		Huntsville	Alabama	20,498 *
	Palm Bay	Florida	4,227				20,498
	Rochester	New York	2,357	88	TECNICO CORPORATION		
	Alexandria	Virginia	2,739		Boston	Massachusetts	20,441 *
					Chesapeake	Virginia	105
					Chesapeake	West Virginia	17,958
69	EER SYSTEMS, INC		29,030 *				2,378
	Huntsville	Alabama	9,653	89	AMERICAN MANAGEMENT SYSTEMS, I		
	Ridgecrest	California	18,382		Washington	D.C.	20,043 *
	Vienna	Virginia	994		Fairfax	Virginia	218
							19,826
				91	JAYMARK, INC		
					San Diego	California	19,769 *
					Santa Barbara	California	11,756
					Colorado Springs	Colorado	29
					Washington	D.C.	2,172
					Fairborn	Ohio	50
							174

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for RDT&E to U.S. Business Firms: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
	JAYMARK, INC (Cont) Vienna Virginia	5,588			
92	VEDA INTERNATIONAL INC Point Mugu California	19,602 *			
	San Diego California	1,801			
	Orlando Florida	248			
	Dayton Ohio	2,705			
	Warminster Pennsylvania	12,952			
	Alexandria Virginia	891			
		1,005			
95	TEXAS INSTRUMENTS/MARTIN MARIE	19,109 *			
	Dallas Texas	274			
	Lewisville Texas	18,834			
97	PACIFIC SIERRA RESEARCH CORPOR	19,029 *			
	Huntsville Alabama	3,358			
	Blanchard California	144			
	Los Angeles California	682			
	San Diego California	95			
	Santa Monica California	8,062			
	Santa Monica Canyon California	557			
	Victory North Carolina	250			
	Arlington Virginia	5,881			
98	SYSTEMS RESEARCH LABORATORIES S	18,940 *			
	Dayton Ohio	4,286			
	Wright Patterson AFB Ohio	12,538			
	Brooks AFB Texas	1,866			
	San Antonio Texas	250			
99	DYNACORP	18,623 *			
	Mountain View California	1,982			
	Mount View California	275			
	Washington D.C.	339			
	Rockville Maryland	96-			
	Albuquerque New Mexico	59-			
	White Sands Msl Rge New Mexico	13,476			
	Alexandria Virginia	2,706			
100	LAWRENCE ASSOCIATES INC	18,494 *			
	Dayton Ohio	18,494			
	TOTAL	14,817,345			

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
10	MASSACHUSETTS INSTITUTE OF TEC Cambridge Massachusetts Cambridge A Massachusetts Lexington Massachusetts	365,981 * 4,431 2,369 359,181		BATTELLE MEMORIAL INSTITUTE IN Catonsville Maryland Chevy Chase Maryland Whiteford Maryland Boston Massachusetts Detroit Michigan Minneapolis Minnesota Sauk Rapids Minnesota Piscataway New Jersey Princeton Junction New Jersey Las Cruces New Mexico Brooklyn New York Poestenkill New York Troy New York Fayetteville North Carolina Research Triangle PK North Carolina Raleigh North Carolina Akron Ohio Cincinnati Ohio Columbus Ohio Scranton Pennsylvania University Park Pennsylvania Wilkes-Barre Pennsylvania Knoxville Tennessee Austin Texas San Antonio Texas Waco Texas Alexandria Virginia Arlington Virginia Charlottesville Virginia Fairfax Station Virginia Falls Church Virginia Leesburg Virginia Vienna Virginia Richland Washington Seattle Washington Casper Wyoming	35 27 31 87 53 66 116 29 92 90 69 29 26 133 50 99 36 41 37,672 70 88 36 76 65 167 1,757 81 40 91 34 38 152 32 2,325 207 53
13	AEROSPACE CORPORATION, THE El Segundo California	297,682 * 297,682	56	CNA CORPORATION Alexandria Virginia	43,916 * 43,916
14	MITRE CORPORATION, THE Bedford Massachusetts McLean Virginia Reston Virginia	295,047 * 123,679 169,051 2,317	63	ANALYTIC SERVICES INC Arlington Virginia	35,871 * 35,871
18	JOHNS HOPKINS UNIVERSITY INC Baltimore Maryland Laurel Maryland	169,426 * 1,993 167,434	67	LOGISTICS MANAGEMENT INSTITUTE Bethesda Maryland	30,981 * 30,981
20	DRAPER, CHARLES STARK LABORATO Cambridge Massachusetts Cambridge A Massachusetts	161,013 * 147,560 13,453	74	UNIVERSITY OF CALIFORNIA Berkeley California Davis California Irvine California La Jolla California Los Angeles California Riverside California San Francisco California Santa Barbara California Santa Cruz California Vienna Virginia	26,887 * 8,399 1,397 1,025 7,160 5,793 73 654 1,217 1,109 60
33	CONCURRENT TECHNOLOGIES CORPORA Johnstown Pennsylvania	68,575 * 68,575	76	UNIVERSITY OF MINNESOTA INC Minneapolis Minnesota University Minnesota	25,960 * 25,393 567
43	UNIVERSITY OF TEXAS SYSTEM Arlington Texas Houston Texas Richardson Texas San Antonio Texas Austin Texas	57,341 * 2,561 1,422 30 50 53,278	77	PENNSYLVANIA STATE UNIVERSITY State College Pennsylvania University Park Pennsylvania	25,734 * 25,317 418
44	SUMITOMO RUBBER INDUSTRIES LTD Buntsville Alabama Menlo Park California Los Angeles California Atlanta Georgia Princeton New Jersey	56,146 * 106 30,755 788 350 24,147	81	UNIVERSITY OF SOUTHERN CALIFOR Los Angeles California Los Angeles AF Sta. California San Diego California University Park California	23,216 * 14,266 6,936 1,000 1,014
46	CARNEGIE MELLON UNIVERSITY Champaign Illinois Urbana Illinois Cambridge Massachusetts Pittsburgh Pennsylvania University Park Pennsylvania Riverside South Carolina	51,450 * 359 482 9,922 39,707 333 648			
49	I I T RESEARCH INSTITUTE INC Chicago Illinois Rome New York Reston Virginia	46,828 * 45,064 464 1,300			
50	RAND CORPORATION Blanchard California Santa Monica California	46,371 * 20,625 25,746			
53	BATTELLE MEMORIAL INSTITUTE IN Madison Alabama Berkeley California Monterey California Yorba Linda California Aurora Colorado Denver Colorado Waterford Connecticut Newark Delaware Washington D.C. Orlando Florida Oviedo Florida Tallahassee Florida Marietta Georgia Honolulu Hawaii Carbondale Illinois West Lafayette Indiana Louisville Kentucky Baltimore Maryland Bel Air Maryland	45,813 * 39 53 55 73 77 236 92 47 137 42 44 70 49 99 257 47 139 124 40			

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
90	UNIVERSITY OF DAYTON INC , THE Dayton Ohio Dayton Municipal Air Ohio	19,793 * 17,256 2,537			
94	GEORGIA TECH RESEARCH CORPORAT Bayville Delaware Atlanta Georgia Carlisle Barracks Pennsylvania	19,436 * 200 19,176 60			
	TOTAL	1,913,468			

- = Minus Amount (Cancellations Exceed New Awards)

**Table 4. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Foreign Contractors: FY 1997**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
26	THE GENERAL ELECTRIC CO. PLC San Diego California Santa Monica California Little Falls New Jersey Wayne New Jersey Greenlawn New York UNITED KINGDOM	114,698 * 377 151 2,405 94,477 8,518 8,769			
93	WALES-WEAPON SYSTEMS ENGINEERI ISRAEL	19,531 * 19,531			
96	ROLLS-ROYCE PLC Atlanta Georgia Indianapolis Indiana UNITED KINGDOM	19,104 * 121 15,951 3,033			
	TOTAL	153,333			

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